



## SKULE ELECTIONS ON FEB. 24th Nominations On This Friday, Saturday And Monday

### A Message From Your President



Here it is well into the spring term and pretty soon everyone will be hibernating to their studies to put the finishing touches on the subjects which have been neglected all year. However, before you disappear, there is still one major activity in which every member of S.P.S. must participate; the Annual Spring Elections.

With the nominations coming up this Friday, Saturday and Monday, now is the time to take five or ten minutes and weigh out the advantages of running for a position on the Engineering Society or Athletic Executive. Not only do you gain valuable experience, but you increase your number of friends and ability to get along with people. Naturally there isn't room for every member of S.P.S. to be on the executive, but there is an opportunity for every member of S.P.S. to take part in the selection of the executives. By voting you are expressing your opinion on who you want on your executive.

This isn't the time to preach on "Vote as you like but vote" as we all realize that this is necessary in Democratic Government. The Engineers need a good executive to represent them in campus activities. S.P.S. is the largest single body of students at U. of T. and holds a great sway in the matter of campus policy. In a democratic way, we should therefore feel a responsibility to S.P.S., when selecting the new executive.

If you decide that you would like to run for a position on the executive, drop into the stores and get a nomination form. Remember, you don't need to have special qualifications, all you need is a little desire to do some extra, very rewarding, work. A list of the positions on the Executives of both the Engineering Society and Athletic Association are posted on the bulletin board outside the stores. If there are still questions in your mind after reading them over, drop into the stores and see a member of this year's executive.

Campaigning will start Tuesday, February 21st. Full arrangements have been made for a campaign in which every nominee will have an equal chance. These rules and regulations are available with the nomination forms.

"Engineering has come to be one of the leading professions in the world today and the demand for graduating engineers has never been so great as it is at the present time. Employers are looking for students who have an 'all round' education." This is a very encouraging statement, and should give the engineering students a little encouragement.

So fellows, there are two important things to get this year; first your year, and second a good executive to run the Engineers' affairs.

Paul Walters,  
Eng. Soc. Pres.

### These Positions Have To Be Filled

#### President:

The President shall be, during his term of office a member of the fourth year. He shall preside at all meetings of the Society and be responsible for its administration.

He shall be, ex-officio, a member of the Executive Committees of the Federated Clubs and of the Debating Society and of the Faculty of Applied Science and Engineering Athletic Association.

He shall report to the Committee on Engineering Society and Athletic Affairs, when requested, and shall submit to it all budgets and financial statements as required.

He shall be one of two Society representatives on the Engineering Alumni Junior Council, and, subject to the Constitution of the Engineering Alumni Association, shall attend meetings of that Council, as a voting member.

#### First Vice-President:

The First Vice-President shall be, during his term of office, a member of the fourth year.

He shall be the assistant to the President, he shall be responsible for Society (exclusive of social activities sponsored by the Federated Clubs and the Debating Society), and he shall preside at all meetings of committees to carry out these activities, unless as otherwise provided by the Executive Committee.

#### Second Vice-President:

The Second Vice-President shall be, during his term of office, a member of the Third year. He shall be responsible for the management of the Engineering Society Store and for its efficient and useful operation. He shall be responsible for the proper use of all equipment and supplies in the Engineering Society office and stores.

#### Treasurer:

The Treasurer shall be, during his term of office, a member of the third year. He shall receive all monies of the Society, and under the direction of the Executive Committee shall pay all accounts, and shall be responsible for keeping accurate and complete records of all financial transactions of the Society. He shall furnish a securing bond of one thousand dollars (\$1,000.00), the premium to be paid by the

Society. He shall prepare and submit a budget at the beginning of the first term and again at the beginning of the second term which shall meet the approval of the Executive Committee. He shall, upon the completion of his term of office, have his records audited by a certified Public Accountant appointed by the Executive Committee, and shall prepare and make public the financial statement of the Society. He shall, upon completion of his term of office, and on or before March 20, receive financial records from all members of the Executive Committee whose responsibilities include the handling of monies; said records shall then be audited by a Certified Public Accountant appointed by the Executive Committee.

#### Secretary:

The Secretary shall be, during his term of office, a member of the second year. Under the direction of the President, he shall conduct and file the correspondence of the Society. He shall record the Proceedings of all meetings of the Society, and shall post notices and minutes of such meetings upon the Engineering Society Notice Board. He shall keep a copy of the Constitution as amended to date.

#### SAC Representatives:

The S.A.C. Representatives act as the Engineering Society's representatives on the S.A.C. and handle liaison between the two bodies. They serve on the various S.A.C. committees and may be in charge of a committee, e.g., finance.

#### External Affairs Representative:

The External Affairs Representative shall chair a committee of his own choice, to discharge matters 'external' to Engineering Society or S.A.C. affairs, but which deserves the cooperation of Engineering students. "External" activities shall include the appeal of the Red Cross, the Community Chest and other student and civic charitable organizations, the University Christian Mission, the work of the External Affairs Commission of the S.A.C., particularly with respect to the National Federation of Canadian University Students (N.F.C.U.S.) and the World University Service of Canada (W.U.S.).

The Engineering Society Executive Committee shall appoint the two Engineering Representatives on the External Affairs Commission of the S.A.C.

#### Director of Professional Relations:

The Director of Professional Relations shall be, during his term of office, a member of the fourth year and shall be elected in the Society elections.

He shall coordinate the activities of Society members which relate directly to the Association of Professional Engineers of Ontario, the Engineering Institute of Canada, other professional organizations and the engineering profession in general.

He shall encourage the interest and membership of Society members in professional engineering organizations.

He shall obtain professional engineering speakers for General Meetings of the Engineering Society.

He shall encourage the presentation of technical papers by Society members.

#### Club Chairmen:

The Chairman shall be elected by the members of his Club at the Society elections. He shall be responsible for the election of other Officers of the Club from their respective years, for the administration of the business of the Club, for the maintenance of accurate and complete minutes and financial records and for the preparation for the annual audit of Club records by the Auditor of the Society. Each Club Chairman, with the approval of the Executive Committee, may provide for the election of additional officers or the combination of existing offices of the Club.

#### Debating Society Chairman

The Chairman shall be the representative on the Executive Committee and shall be elected in the Society elections. He shall be responsible for the administration of the Debating Society business, for the maintenance of accurate and complete minutes and financial records and for the annual audit of Debating Society records by the auditor of the Engineering Society.

(Continued on Page 8)



# TOIKE OIKE

Devoted to the interests of the undergraduates of the  
Faculty of Applied Science

Published every now and then by the Engineering Society  
of the University of Toronto

Opinions expressed are not necessarily those of the  
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## EDITORIAL...

It's rather hard to believe, but election time is here again. That's right! On February 24, we have to choose next year's Engineering Society Executives, the people who are going to spend our money and run our show next year. How good a choice we made will determine to a large extent the success of Skulene, the Skule At Home, the Grad Ball, and all the other events that make up Skule activities. Their job is an important one, and also a rewarding one, so let's try to get the right people elected.

This year Toike-Oike is granting free space to each candidate, with the hope that he will outline his plans for all to see. If a person is really interested in doing a good job, he should have a few ideas of his own on how things can be improved around Skule. We hope that the candidate will use this free space to inform the voters of his plans. We would suggest that the readers study the candidate's proposals seriously and cast his vote according to this, and not because the candidate happens to be well known, or because he is a friend of Joe's or because he puts up pretty posters. Governments shouldn't be elected because of the shows they put on, but because of their platforms and their plans.

If you have ever thought of running for office, this is an excellent chance to do so. You don't need any previous experience, only a willingness to work next year. Don't get the impression that you have to be a member of the Society this year to run for a position next year; this is not so. Many of last year's elected candidates had no previous experience, and they have all done a satisfactory job this year.

So if you decide to run, get yourself nominated, put on a good campaign, state your ideas and proposals, and hope for the best. You'll know the worst about 4.00 p.m. next Friday.

Elsewhere in the paper is a list of all the positions, and the duties that each office entails. If you want any more advice or information about a certain position, ask the person who holds that position this year. He can give you a lot of tips and clues as to what your job will be if elected.

Last year's elections were the best that Skule has ever had, with over 70% of the eligible voters casting ballots. Let's do it again this year! The surest way to arouse interest is to have lots of candidates entered. In that way we'll be sure of a good executive next year.

H.W.C.

## MORE EDITORIAL...

It is now slightly more than a week before you will elect next year's Engineering Society Executive. They will run your functions next year. The man you choose for President will either make next year a spirited one or lacklustre session. The 1st Vice President will be running your dances and if you want dances to be as well-organized as they were this year, then you had better choose the right man.

The 2nd Vice President looks after the Engineering Stores and works longer hours than anybody on the Society. If he is a shirker then you can expect poor service in the Stores. We could do right down the list of the positions up for grabs but the duties of the various members of the executive are outlined in another article in this paper.

Whether you know it or not, your Skule activities depend on personalities. Dances, stage, auctions and the rest all depend on the people in charge of them. They are definitely not the same from year to year. It is so easy for the Skuleman in charge of these functions to do the minimum necessary to put these events across. The minimum work only produces the minimum results.

This is easiest seen in the case of the course clubs. In past years and even this year, some clubs are noted for their lack of activity. Others have noon hour meetings and all the rest. Fortunately they all have improved to the point where they sponsor club dances even if nothing else. This was not always the case. Even so, some clubs are run much better than others. Perhaps we are prejudiced but we think the Chemical Club is one of the best this year. Thanks to the Club Exec., Chemicals can take part in noon-hour meetings, dances, dinners, and, best of all, the Annual Nurseening night. It is all tied up in personalities. The best men have the best clubs.

This holds true in all phases of your Society's work. Remember this next week when you are voting! It is in your interest to know what type of person each position requires. If you don't, then don't bother voting. Sure we would like 100% vote but not if fewer than 100% of the Skulemen know the importance of the vote. A 10% vote would be better if those in the 10% were the only ones who cared which men are elected.

Monday is the last day for nominations. Why should you run for office? You won't get paid. You won't get thanked for your work. You'll have to do things you don't want to. Then why bother? Well, if you are interested, then all these discouragements don't mean too much to you. If they are foremost in your mind, then far be it from me to try and change your opinion. You wouldn't be satisfied once elected. Don't even bother trying.

D. A. Shiels.

## SUMMER EMPLOYMENT

When the first year student thumbs through his calendar, he will not notice a section of his timetable entitled "Practical Experience". This experience varies in the different courses. The easiest way of finding out what you have to do is go to the department offices and ask.

After finding out just what he can do and can't do, he will wonder where he is going to get a job. There are various methods of obtaining summer employment.

Across from Hart House is the S.A.C. Offices in which the University Placement Services operates. Here the Placement Service has a notice concerning summer employment with various firms. This notice contains the type of engineering student they want, the year, and when interviews are being held. At the north entrance to the Skulehouse is another notice board with somewhat the same information. So all he has to do is to read the notices and if he wants a job, obtain an interview.

Another method which is very effective is going to see the Employment Offices of various firms dealing with engineering type of work. This method is very effective in smaller industries and municipal offices in smaller centres.

A method which has worked for a number of students is pick several firms which you might want to work with and write to them. This method is a bit slower than the others but it works.

If a student wants to get his P.E. work over with try one of these ideas.

Bill Logan

## Re The Essay Contest

LOOK FOR THE ESSAY CONTEST WINNERS TO BE  
ANNOUNCED IN THE NEXT TOIKE OIKE TO  
APPEAR FEBRUARY 22, 1956

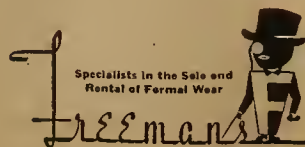
### WOMAN

She's an angel for truth, a demon in fiction—  
A woman's the greatest of all contradiction;  
She's afraid of a cockroach, she'll scream at a mouse.  
But she'll tackle a husband as big as a house.  
She'll take him for better, she'll take him for worse;  
She'll split his head open and then be his nurse.  
And when he is well and can get out of bed,  
She'll pick up a teapot and throw at his head.  
She's faithful, deceitful, keen sighted and blind;  
She's crafty, she's simple, she's cruel, she's kind.  
She'll lift a man up, she'll cast a man down.  
She'll make him a hero, her ruler, her crown.  
You'll fancy she's this, but you'll find that she's that.  
For she'll play like a kitten, and fight like a cat.  
In the morning she will, in the evening she won't;  
And you're always expecting she will, but she won't.

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«»»

171

College Street

# E1C PRESIDENT TO SPEAK TOMORROW

Room T-102, 1-2 p. m.

## Mr. Richard E. Heartz

A native of Marshfield, P.E.I., Mr. Heartz took his engineering degree at McGill in 1917 and enlisted immediately in the Royal Flying Corps, receiving his commission a year later as a pilot in the newly-formed Royal Air Force.

He joined Shawinigan Engineering in 1920. Since that time he has played a leading part in the development of the parent Shawinigan Water and Power Company's hydro-electric system in Quebec, and has been identified closely with many other major engineering projects in various parts of Canada. He was appointed assistant chief engineer of the Shawinigan Engineering Company in 1935, vice-president and chief engineer in 1947 and president in 1952.

In 1941 and 1942, Mr. Heartz was on loan to War-time Merchant Shipping Limited as general manager of that crown company which, operating on a nationwide scale, co-ordinated the work of 14 shipyards and their suppliers to carry out Canada's program of building cargo ships, producing vessels totalling more than 4,000,000 tons during the war and employing, in the construction program, 75,000 men.

Mr. Heartz has been active in the affairs of the Institute for many years. He was a vice-president and chairman of its finance committee in 1949-50, a member of the council from 1942 to 1944, treasurer in 1948, and chairman of the Montreal branch in 1941. He is a member of the board of governors of Sir George Williams College in Montreal; the board of regents of Mount Allison University at Sackville, N.B., where he received an honorary doctorate of laws in 1952; and the board of governors of the Royal Edward Laurentian Hospital, Montreal.

Mr. Heartz is a member of the American Society of Civil Engineers, The American Society of Mechanical Engineers, and the Corporation of Professional Engineers of Quebec.



Mr. Heartz will be speaking on "Success In Your Profession" and will place special emphasis on the employers' point of view — what he looks for in hiring an engineer; also his advice to young engineers who want to become real successes in their profession.

# JOIN THE E1C TODAY

## Forms Are Available In The Stores

Annual Student Fee --	\$2.00
Journal Subscription --	\$2.00
<b>TOTAL</b>	<b>\$4.00</b>

The Benefits Are Many

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# (SOME) CLUB NEWS

## Electrical Engineering Field Trip

At midnight, January 31, fourth year Electrical left for Ottawa on the first leg of their four day field trip to Ottawa and Montreal. It was the first time that Electrical has had a trip of this kind, and it proved to be a holiday much appreciated by all those who took part. The tour served three real purposes: It uncovered a great deal of camaraderie and spirit that seemed to be lacking in the lecture room; it served as a good source of information for many job hunters; and it proved very beneficial in illustrating the part played by electronics and electricity in different types of industry, and also to briefly acquaint everyone with many varied aspects of industry.

We arrived in Ottawa about 7 a.m., and after cleaning up at the bus terminal everyone again began to resemble human beings after a long, sleepless night on the bus. We were then taken to the Electrical Engineering division of the National Research Council Labs. After a short talk in the auditorium the tours began through various labs and shops where we were shown a multitude of displays ranging from high voltage testing of industrial equipment, through underwater television, radar, and electronic music. All the individual aspects of the tour held a great deal of interest, but one of the more fascinating exhibitions, perhaps, was the demonstration of electronic music. We were given a lecture on the construction and development of a type of electronic organ that is undergoing perfection at NRC and then were given a demonstration of it in operation. Several of the fellows were allowed

to try their hand at playing it as well.

We arrived in Montreal Wednesday evening and, although everyone was tired, very few could resist the temptation of having a good night on the town.

The following day we arrived at Canadair and proceeded to tour the various shops and testing labs there. Everyone was amazed to see the extent to which electronics entered into the construction and testing of the various parts of aircraft. We saw an extensive array of equipment used for building and testing almost anything that is connected with aircraft, things such as a weather chamber to simulate any weather condition on earth from sea level to many thousands of feet up, and a full size wooden development model of a new type of aircraft that Canadair is working on.

After lunch we were taken to the auditorium where we were given lectures on the use of electricity and electronics on aircraft, and the development of this use over the years since the early days of flying. It is probably safe to say that very few of us even guessed at the almost fantastic amounts of electricity used in a relatively small fighter or bomber. With all the electrical safety devices that were outlined to us, it would seem almost that the pilot couldn't even close his eyes for two seconds without a light flashing or a bell ringing to tell everyone else about it.

After a certain amount of sleep Thursday night, we proceeded on Friday to the Lachine plant of Northern Electric for a tour through their Wire and Cable Division. We were shown

such things as the cables, and the testing of the same. After this tour we were shown a film on the laying of a submarine cable.

In the afternoon we moved on to the Shearer Street plant of Northern Electric which is made up mostly of the Communications Equipment Division. A large portion of this plant is taken up by the manufacture of equipment for the telephone industry such as telephone handsets, commercial and toll station switchboards and a large amount of test equipment for these articles. The tour also included a journey through the micro-wave section of the plant where the equipment for the micro-wave transmitting and receiving sets is assembled and developed. This trip was ended by a question and answer session with several head engineers where questions ranging from technical details to the administration of the business itself were discussed.

We left for Toronto early Saturday morning, and after three nights on the town, almost everyone was glad of a chance to get a little rest on the bus on the return trip.

The whole trip proved to be fast and furious, but it was very profitable for all who went, and it is certainly to be hoped that these field trips will become an annual affair now that they have been started, and to anyone in coming fourth years who does not go, I can only say you'll wish you had.

T. E. Mitchell

Beautifully colored flowering plants grow in profusion on the tundra of northern Canada.

## The Engineering Physics Club

With typically brilliant executive planning the Club has put over the annual major events of the North American Social Season—The "Eng. Phys. Dinner" while the jealous eyes of the world looked on. The food, of course, was unheard of, with 23 flaxen haired slave-girls and two water boys serving. Each attending Clubman was presented with a platinum souvenir to pin on his I.D. card with. The guest speaker this year was Professor Ivy, who gave an informative talk on Ultrasonics, which he claims to be even more complicated than second year Optics. Moral: steer clear of Ultrasonics AND Optics. Professor Jackson

was officiating, with John Ganton, Bossman of students, as 21.C.

We were fortunate in having as a guest, Dr. Ralph Stanton, who gave the oration last year, and who created brilliant after-dinner conversation by quoting some of the Proverbs. The milk-shakes this year were subsidized . . . I don't quite remember the financial set-up but I think the treasury paid 15c to each student for each free shake he drank.

Not wishing to appear heady, we nevertheless and the report by proclaiming the Dinner was bound to be a success seeing that the world's top Research and Production Engineers, yes, counting Soviet Russia, mapped out the whole operation.

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## To All Election Candidates!!

Free space in Toike Oike will be given to all election candidates for the Engineering Society Elections to be held on Friday, February 24. The next issue will appear on Wednesday, February 22. Either block ads or written work, outlining platforms will be accepted.

Of course all candidates will be given fair consideration.

DEADLINE IS SATURDAY, FEB. 18 AT 12:00 A.M.



# GRAD BALL NEXT FRIDAY

For four years those who will be graduating this summer have been looking forward to the year 1956. It's been a long grind with a great deal of hard work plus a great many laughs. The time is rapidly approaching for those in the class of 5T6 to celebrate this eventful year. On February 24th, 1956, the Royal York Hotel will be the setting for one of the biggest and best balls of the Social Season. The 5T6 Grad Ball will have the theme of an Oriental Garden. To establish this setting the Engineers have obtained the services of those master interior decorators, the Architects.

An invitation to this event of magnificent engineering proportions costs \$15.00 which is a mere nothing to those who will be making \$350. a month in a few short months. This will be that really big night to celebrate as no expense has been spared to make this a night to remember. The price of admission represents only a part of the total expense as the Engineering Society subsidizes this event.

Included in the price of admission are dinner for two, served with vintage wines, favours, dancing to two orchestras and top flight entertainment. Dancing is 'til 3 a.m. and the entertainment is of A-1 calibre. Music will be provided by Benny Louis and Cy McLean. Pianists have been obtained to play during the banquet. Following the banquet is a short round of presentations and toasts. It has been rumoured that the various clubs such as Electrical, Civil, Mechanical, etc. have obtained suites at the Royal York for this evening. These rooms will provide a place to meet with your class mates and have that last toast to your friends of the past four years.

This year's committee has put a great deal of time and effort into this year's Grad Ball to insure that it will be a roaring success.

The tentative program starts the ball rolling at 6:45 p.m. Dinner will be served at this time followed by the presentations and toasts. Dinner music will be provided by pianists. From 10:00 p.m. on Cy McLean will be providing the music in Hall A. There will be dancing from 11:00 to 3:00 in the main ball room to the strains of music by Benny Louis. The entertainment will start at 11:30. A few of the entertainers will be Sherry Moore, Will Willie, Tish Goode and last but certainly not least the fabulous Skule House Four.

The tickets went on sale February 1st. They were put on sale by the Club Chairmen. They will be glad to give you any information about this ball as will any of the members of the committee. The seating arrangement will be such that there are four couples to each table. When you get your ticket you decide on the seating arrangement you want at your particular table. An invitation is sent to your girl after you have bought your ticket.

The Grad Ball is the highlight of your S.P.S. career. It is one of those big nights which you can't afford to miss. Start making arrangements to go now as formal dress must be worn and it is necessary to get a fitting in advance. Do plan to come to the 5T6 Grad Ball. You won't regret it! See you there.

## SCHOOL AT HOME PHOTOS



Left to Right: Professor W. J. T. Wright, Paul Walters, Eng. Soc. President, Diane Webster, Mrs. Wright.



Left to Right: Pete McDermick, Elaine McKinnon, Col. Wis. Wilson, Ed. Ludwick.

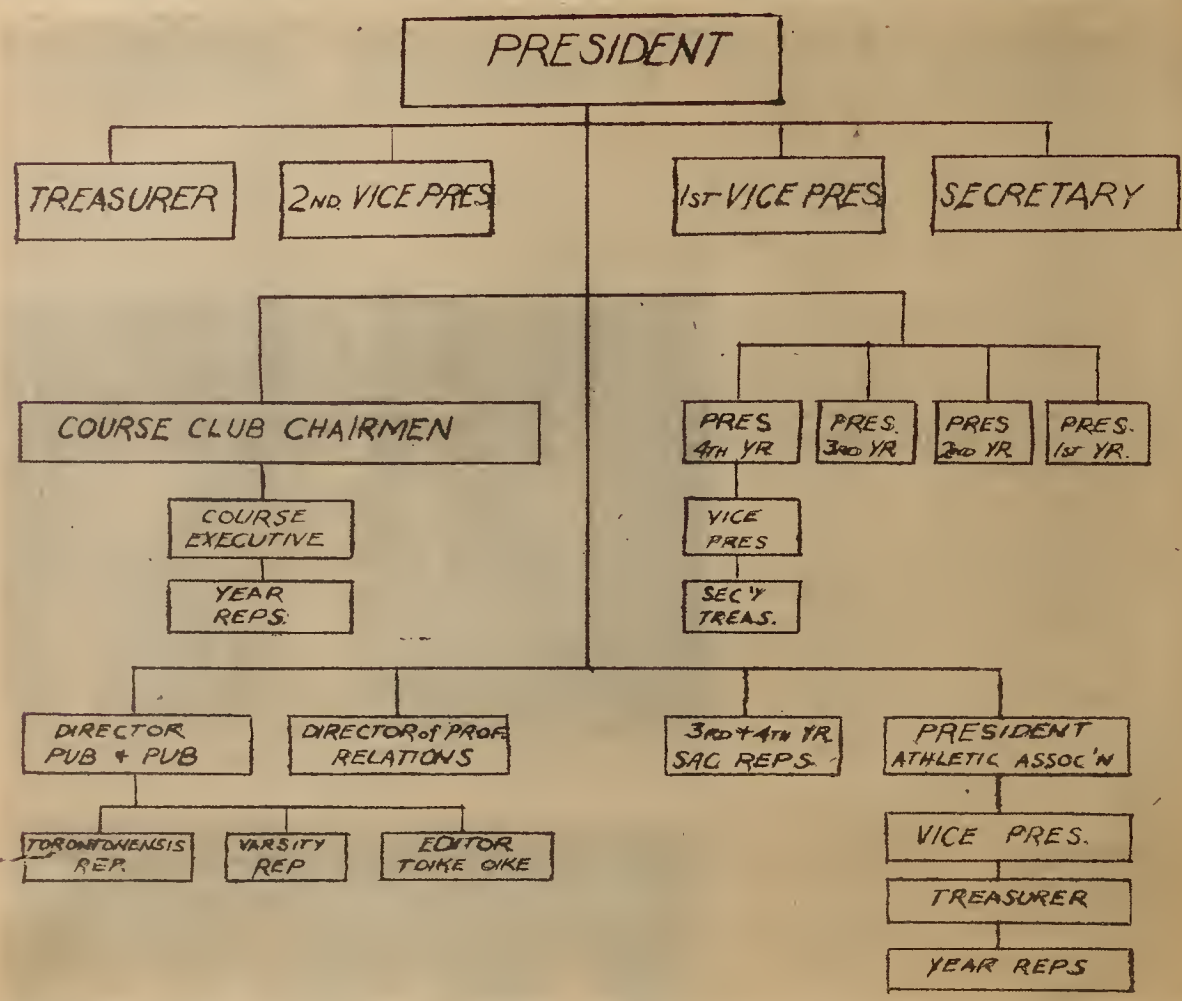


The Warden of Hart House, J. McCulley, chats with an engineer at the School At Home.



Sketch Artist at work.

# YOUR ENGINEERING SOCIETY



## HUMOUR

by Pete McDermick

**SAGA**

Out of the lawless 1890's there rode two deadly lawmakers, defenders of the rights of the innocents, prosecutors of the guilty, the Lone Danger and his side-step Tronto. They have been assigned by the Sheriff of Sabre City to pursue the outlaw band of Jack the Gyper, who was until recently in the retail business, and who is suspected of holding up a stage-coach carrying the nylon-socking shipment from White Horse to Las Alamos.

We see them now, at the edge of the Arizona Desert ready to plunge into danger. They are taking inventory of the pack. Tronto is saying:

"Heap Pan-cake mix, hot-water bottle, fluoridation pills, milking machine—"

"Just a minute," says the Lone Danger, "a milking machine" with all these little prongs on it . . . there must be fifty . . . what kind of cows . . . ?"

"Ho . . . him not for cow . . . him for cactus."

In a little while the two were ready to cross the desert. They mounted their fiery steeds Nike

I and Nike II and shot off into the searing wasteland. After a few seconds of hard riding Nike I, the Lone Danger's horse, burnt out a knee-cap in the heat of the sun and his pace dwindled. Finally he stopped. L.D. addresses his assistant: "Pronto Tronto, you take my horse, and I'll ride Nike II, so that I can watch out for any marauders." Tronto admiringly whispers, "You heap brave."

And so the two plow into the relentless sands, Lone Danger risking his neck on Nike II, and the silly Redskin uselessly carrying Nike I on his shoulders.

Several days later as they travel along, they begin to sense danger. Suddenly up ahead they see Jack the Gyper and two of his headmen on a hill. The Desperadoes start shooting at the lawman and his trusty assistant. The Lone Danger and Tronto charge at the hill fiercely, their guns blazing, with the Lone Danger protecting his old comrade from getting shot in the back by riding behind him. "You take the top of the hill Tronto. I'll cover you from here and make sure no-one comes up from behind."

"White man heap genius,"

the bottom of the hill, the Lone Danger is kicking up the dust with his spur to form a smoke screen.

Soon the Redskin is overpowered by the desperadoes though he fights with all his might. When the lawman gets to the top of the hill on hands and knees, he sees Tronto tied to a bed-post inside a cabin on the summit. The outlaws have set fire to the cabin and are taking pot-shots at Tronto through the cabin windows. The lawman senses danger. He catches the Redskin's attention by flashing his gold fillings in the sun. Tronto is nonchalantly smoking a cigar waiting for the end . . . He puffs out the following smoke message: "I could have beaten them if it hadn't been for this damn horse I was carrying . . ."

The Lone Danger forms a brilliant plan to save Tronto. He turns his horse and starts racing back to Fort Knocks, a military outpost 90 miles away—to get the sheriff and his men. It's a race against time . . .

Meanwhile, back in the ranch-house Tronto is still smoking a cigar and reading his copy of

"Indians' Progress" when he notices that the bandits had accidentally shot off some of the ropes holding him down. He springs out of the cabin, and sneaks up behind a boulder where Jack the Gyper and his two hired killers are talking and laughing.

"I'll bet that Redskin's sorry he started messing around with us boys, hey, hey, probably looks pretty silly now, hey, with more holes in him than a Spanish wine-cellar."

The boys all had a big laugh at this big joke, in fact they had such a big laugh that they didn't notice that Tronto had tied their shoelaces together. Then Tronto fires off his six-gun in their midst. The men nearly—ah, died with fright. They started jumping and rolling about so wildly that in

18 seconds they had tied themselves into a solid ball.

Six days later, the Lone Danger arrives with 49,000 Minute Men, an atomic submarine, 13 car-loads of Roman Candles, and 38 Divisions of fully mechanized troops to complete the arrest.

After a suitable length of time, President Weak-Eyes, in his state of the Union Address proclaimed, "Here in this wonderful country of ours, where we insist upon putting credit where credit is due, here where any man whether of rich or poor lineage may rise, provided he has the talent, where nationality means nothing, where freedom and truth reign, we wish to present this golden Plaque to the man who has rid the west of a great killer by his inspired bravery —THE LONE DANGER.

## The Lighter Touch

A nervous man went to a psychiatrist and as he was being questioned, kept plucking invisible things from his clothes and throwing them away.

"Why do you do that?" demanded the brain doctor.

"Feathers keep growing on me," said the man, "and I've got to keep plucking them off. Look—handfuls of them!"

The psychiatrist said patiently: "Now don't be foolish. There are no more feathers on you than there are on me."

"Oh yes there are," the man said, as he kept pulling more invisible feathers and tossing them away.

"Oh no there aren't," insisted the psychiatrist.

"Oh yes there are," cried the man.

This went on for some time until the psychiatrist suddenly started brushing off his own suit and cried: "You're absolutely wrong about it; and for heaven's sake stop throwing the feathers on me."





An unposed shot of the Toike Oike staff at work

# LIFE

Man comes into the world without his consent and leaves it against his will. During his stay on earth his time is spent in one continuous round of contraries and misunderstandings. In his infancy he is a devil; in his manhood he is everything from a lizard up. In his duties he is a damn fool; if he raises a family he is a chump; if he raises a cheque he is a thief and the law raises hell with him. If he is a poor man, he's a poor manager and has no sense; if he is rich, he is dishonest but considered smart; if he is in politics he is a grafter and a crook; if he is out of politics you can't place him — he is an undesirable citizen. If he goes to church he is a hypocrite; if he stays away from church he is a sinner. If he donates to foreign missions he does it for show; if he doesn't he is a tight wad. When he first comes into the world everyone wants to kiss him—before he goes out everyone wants to kick him. If he dies young, there was a great future in front of him; if he lives to a ripe old age, he is in the way.

Life is a funny proposition after all.

## WHY WORRY?

We wonder why folks worry . . . There are only two reasons for worry—either you are successful or you are not.

If you are successful there is nothing to worry about. If you are a failure there are two things to worry about. Your health is good or you are sick.

If your health is good there is nothing to worry about. If you are sick there are two things to worry about. You are going to get well or you are going to pass on.

If you are going to pass on there are two things to worry about. You are either going to Heaven or you are not.

If you are going to Heaven there is nothing to worry about, but if you don't, you'll be so busy shaking hands with old friends, you won't have time to WORRY.

## Successful Will

The following is what one would call a successful will.

A merchant who was told that he had only a month to live, called a lawyer to have his Will drawn up.

"Fix it so that my overdraft at the bank goes to my wife—she can explain it. The debt on my car goes to my son—he will then have to go to work to keep up the payments. Give my goodwill to the supply houses—they took some awful chances on me and are entitled to something. My equipment you can give to the junk man—he has had his eye on it for several years. I would like six of my creditors to be pallbearers—they have carried me for so long they might as well finish the job.

Therefore it falls to a forward looking company to initiate the plan.

One final way in which industry may cooperate to the mutual advantage of itself and the university is to suggest subjects suitable for courses. Firms seem diffident to making suggestions, possibly because only one of their men is attending it, or because they have only a vague idea which seems too indefinite to suggest. Too much weight can be placed on suggestions from industry, but it is obvious that the optimism will be reached through co-operation.

To keep in front of foreign competitors, industry must have access to all the latest techniques and processes. Their co-operation, through financial aid and encouraging their engineers to take these courses, is essential.

Dave Hector

## Hart House Elections Coming Soon

With all the excitement of the Engineering Society elections it is hoped that the Hart House elections will not be overlooked by the engineers. The elections will be held on March 7, which is still quite a long way off yet, however the nominations will start Feb. 20 and the last day for nominations will be Feb. 25, which is not very far off. The fun, pleasure and education that the members of the various committees derive from working on one of the five house committees is difficult to express, but those that have had the good fortune to be the successful candidates have never regretted their nominations.

The five committees of the house are, Library, Music, Art, Debates, & The House Committee. The responsibilities of these committees are obvious from their names except perhaps for the House Committee. This committee is responsible for all those matters which affect the comfort of the members of Hart House. Some of the things that the committee looks after are, the Arbor Room,

the juke box in the Arbor Room, the meals in the Great Hall, the standard of dress in the house, the fixtures and upkeep of the house, to mention only a few of the general business matters of the house that are the direct responsibility of the House Committee.

Eight new members are elected yearly to each of the major committees and serve with three members from the previous year, who are carried over to ensure continuity. If you desire more information about these Committees or the elections contact John Becker, Under Graduate Secretary, of Hart House, or Fred Haywood, 4th year ENG. BUS. (OR. 6432).

Act today, don't wait until tomorrow to fill out your nomination form. If you wait you may forget and you will miss your chance to serve on the administrative body of the largest men's club of its kind in the world. If you are elected to one of the committees you will get out of it what you put into it but the opportunities, benefits and returns are large compared with the small amount of work actually required of the committee members.

## PHOTO CONTEST

This year the Toike Oike staff decided to have a photo contest as well as the essay contest. It was hoped that this would bring in pictures of candid shots taken around the campus typifying either engineering or campus life. Unfortunately the response to the contest was not what was expected and there were only three entries.

The staff did not feel that the competition or the quality of this year's entries was sufficient to warrant the awarding of the intended prizes. This decision was reached after careful consideration and it was decided to give all the entries this year a \$5.00 consolation award.

The awards will be given to J. F. Shultz, 3rd year Co 6, Barry Mitchell, 1st year Co 4, and John Sanderson, 1st year Co. 4. These people may pick up their cheques in the Engineering Stores, and the staff wishes to express their thanks to them for their entries. It is hoped that next year's contest will be more successful.

## Education Within Industry

With the acceleration in technical progress, there is an increasing need for a close alliance between universities and industry. If Canadian industry is to produce goods of advanced design by improved productive methods, then the application of technology in her industry must be in advance of that of all her competitors.

Not only must the number of technologists in industry be increased but these men must be kept informed about technical advances. The job of spreading information falls partially on technical papers, engineering institutions and lectures but by far the most satisfactory in personal instruction.

This is a task, best organized and carried out by educational establishments, a supplement to the primary work of training students in courses leading to degrees or certificates. What is needed is a course for young men who have already had several years of experience in industry, have specialized and are having difficulty in gathering from the many sources the particular fundamental knowledge that they require. These men need a place where they can carry out practical experiments to illuminate the application of theoretical knowledge. Such courses are being carried out in many countries such as that provided by the Graduate School of Thermodynamics and Related Studies at Birmingham University in the UK. Regardless of whether these courses require full or part time attendance, they depend for their success on the co-operation of industries in freeing the juniors to undertake them. The only company in Canada that seems to have a definite positive policy is the Westinghouse Company of Canada which has a working agreement with University of Toronto in Business Administration and the Nova Scotia Technical Institute for graduate engineering work.

Further, industry must realize the potential value of these courses by allowing the junior engineer opportunity to use his newly gained knowledge. The effect on industry can not be immediate. It will be several years before we can point to the benefits that other firms received by releasing their men for these courses.



Mob scene in the foyer at the Royal York sometime during the fabulous School At-Home last January 26th,



## CIVIL CLUB NEWS

The Civil Club has been very busy for the last couple of weeks and there has been a great deal of activity. The annual dance was written up in the last issue of Toi Ke Oike and on Wednesday, February 8, the annual dinner took place in the Parisienne Room of the Chez Paree. The dinner was an outstanding success. Everyone, but everyone went home mumbling to themselves (which isn't unusual at this trying time of the school year) about the terrific time which they had enjoyed. Most agreed that they wouldn't miss the dinner next year unless they happened to graduate. Of course the second and third year members vowed to attend next year at any cost.

A delicious meal was served and there was lots of liquid refreshment before and after as an appetizer and a digester respectively. The entertainment for the evening consisted of five thesis talks by fourth year students. All were well delivered and proved very interesting as the enthusiastic question periods indicated. The talks were judged by a panel of judges and cash prizes were presented to the winners. Winning first prize was Pete Andrews with his talk on Suspension Bridge Cables. Reg Wallace and Al Townshend captured the second and third prizes. All of the speakers exhibited rare qualities of oration and showed complete knowledge of their subject by answering any and all questions thrown at them.

Several professors attended and quite a few professional engineers, including several members of the Engineering Institute of Canada, were present. After the talks there were a great many

interesting conversations which carried on for quite a while with the students gaining quite a bit of valuable knowledge by talking with the men who really know the engineering profession.

The Civil Club walked off with the ten dollar cash prize at the E.I.C.'s annual Student Night in Hart House. Civils had the greatest percentage of Club members (that's everybody who thinks he is in civil engineering, you know) present. Fourth and second years had large representations and third year chimed in with several representatives.

Jim Burgess, the chairman of the club, also won a cash prize as he was placed second in the panel quiz by exhibiting a great deal of all around knowledge. This was another very interesting evening.

According to custom the ten dollars was used to buy beer and those present at this meeting received extra free beer at the dinner.

Last Wednesday the third in the series of films being presented by the Club was shown. More will be shown a week from this coming Wednesday. These films are presented in room T-102 of the Mechanical Building and have proved very enjoyable as the continued good attendances indicate. Let's have everybody out for the next one.

Club members should be interested to know that the scoring leader of the Intercollegiate Hockey League, Ken Linseman, is one of our boys. Ken is in third year civil.

Watch your class reps for announcements of coming events including movies, class parties, stags and meetings at the Bay-Bloor Tavern.

## ENG. SOCIETY POSITIONS

(continued from page 1)

### Year Executive

#### Presidents:

The year presidents co-ordinate activities of the various years such as year dances. They act as liaison officers between the members of his year and the Engineering Society. The freshman initiation, Engineers' Ball, and Grad Ball are examples of functions handled by the various year presidents.

#### Fourth Year Executive:

A vice-president and secretary-treasurer are elected from fourth year to assist the fourth year president in handling the Grad Ball and other fourth year functions.

### Athletic Association

#### Duties of Officers:

1. President. It shall be the duty of the President to preside at all meetings of the Athletic Association and to have a general supervision of the affairs of the Association. All requisitions to be valid must be signed by him.

2. It shall be the duty of the Vice-President to assist the President in every way.

He shall, in addition, be responsible for accepting and investigating all applications and recommendations for Faculty colours and for recording the names of all players participating in inter-faculty sports.

3. Secretary. It shall be the duty of the Secretary to record the minutes of all meetings and be responsible for all books and papers of the As-

sociation, also for all correspondence, trophies and other properties of the Association.

4. Treasurer. It shall be the duty of the Treasurer to take charge of all monies belonging to the Association and to keep an accurate record of all receipts and disbursements.

5. Fourth Year Representative. It shall be his duty to act as custodian of all Athletic equipment.

6. Third and Second year representatives shall be assigned

duties as seen fit by the Executive.

7. First year representative shall be responsible for notifying all members of the Athletic Association Executive of all Executive meetings. He may also be assigned other duties at the discretion of the Executive.

Each member of the Athletic Association Executive in addition to the above duties handles two or three sports, getting coaches and managers and acting as liaison between these and the Association.

## The Lighter Touch

A canny Scot was engaged in an argument with the conductor as to whether the fare was to be five or ten cents. Finally the disgusted conductor picked up the Scot's suitcase and tossed it off the train just as they were crossing a long bridge.

"Hoot man," screamed Sandy, "first you try to rob me and now you've drowned my boy."

An engineer knocked at the heavenly gate.

His face was scarred and old; He stood before the man of fate For admission to the fold.

"What have you done?" St. Peter asked.

"To gain admission here?" "I have been an engineer sir, For many and many a year."

The pearly gates swung open wide;

St. Peter rang the bell;

"Come in and choose your harp," he said.

"You had your share of bell."

Two men slightly under the weather were asking the desk clerk in a hotel for a bed with two rooms.

"You mean a room with two beds," he replied.

"Yash, thash what we want," said one, and very shortly they found themselves in the same bed.

"Shay," said one of the men, "there's someone in my bed."

"Now that you mention it," said the other, "there's someone in my bed too."

A terrific struggle took place for several minutes.

"I got mine out," said one finally. "How did you make out?"

"Not so good," replied the other, "he threw me out."

"That's all right," replied the first, "come and sleep with me."

Not a single tree grows in the 1,200,000 square miles of Canada between the tree line in the Northwest Territories and the North Pole.

## Winter Carnival Shots



Myra at the block.

